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| **Place two cotton strips and two wool strips in the solution in each beaker**    **Note the time you placed the fabric strips into each dye solution.** | **Use a marker to label each beaker**     * **synthetic dye, with salt** * **synthetic dye, no salt** * **natural dye, with salt** * **natural dye, no salt.** |
| **Choose a synthetic dye to test.** | **Repeat for a natural dye solution.** |
| **Put on eye protection**    **a lab apron**    **and protective gloves** | **Collect eight strips of cotton fabric**    **and eight strips of wool fabric.** |
| **Add 1 tbsp salt to the beaker labelled “synthetic dye, with salt.” Stir the solution with a stirring rod.** | **Pour 150 mL of the dye solution into each of the two clean beakers labelled “synthetic dye.”** |
| **Rinse the strips in the sink for 2 min.** | **Allow the strips to dry overnight.** |
| **Gently stir the solutions every 5 min for 30 min. Dispose of the dye solutions according to your teacher’s instructions.** | **Lay the fabric strips on paper towels, beside the beakers in which they were dyed.** |

**Expectations**: C1.1, A1.5, A1.6, A1.10, A1.11